

Bayway Refinery P.O. Box 222 1400 Park Avenie Linden, New Jersey 07036

<u>Certified Mail - RRR</u> 7010 1870 0000 6667 5987

February 28, 2012

US Environmental Protection Agency Ariel Rios Building Mail Code 2254A 1200 Pennsylvania Avenue, NW, Washington, DC 20460 Attn: Robert G. Heiss, Director International Compliance Assurance Division 2011 Annual Export Report NJD 986 645 984

Dear Mr. Heiss:

As required by Section 3017 of the Resource Conservation and Recovery Act and under Federal regulations 40 CFR Sections 262.56 and 262.87(a), I submit the "Annual Report of Hazardous Waste Exports for 2011" and waste minimization statements for the ConocoPhillips owned and operated Bayway Refinery.

Contact me at (908) 523-5732 if you need additional information.

Sincerely,

Hans Sidler

Waste Compliance Engineer

Pete Hanley

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received

Bc:

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Document Designation: Compliance File Copy

Retention Code: HSE 580

Retention Period: Event + 5 years Review Frequency: Every 5 years c: Jerry Woerner Pete Hanley Eric Truhn

1.	PRIMARY EXPORTER					
	Name:			os Company / Baywa	y Refinery	
	EPA ID No.		98664598			
	Mailing Address:		. Box 222			07026
	City:	Lin	den	State: New J	ersey Zip:	07036
2.	CONSIGNEE					
	Name:	STABLEX C	anada. In	c.		
	Address	760 Indus			1	
				Canada J7C3V4		
	EPA ID No.:	NYD 98075				
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3.	TRANSPORTER No. 1	.: Name:		Freehold Car		_
		EPA J	ID No.:	NJD 05412616	i 4	_
- 1	TRANSPORTER No. 2	2: Name:		Transport Ro	llex Limite	е
			D No.:	NYF 00600005		
			55-75-0 E078032455 765 06			
	TRANSPORTER No. 3					
		EPA J	ID No.:			
4.	WASTE INFORMATION	1				
	Description of Wa	iste:	Spent	Sandblast Abrasiv	res	
	EPA Waste Number	ers:	S-120	D008		
			22 22 3			
	DOT Proper Ship	oping Name:		e Environmentally		
			Solid,	n.o.s., (D008), III	L, RQ-10 (Le	ead)
	DOT Hazard Clas		9	DOT ID Code	/IIN /NA \ •	UN 3077
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5.	SHIPPING INFORMAT	rion				
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	Number of Ship		1050		2	
	Total Volume of	f this Wast	e Shipped	1: 17.85	tons	
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7	CERTIFICATION					
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1.	PRIMARY EXPORTER (Co					
	Name:			s Company / Baywa	y Refinery	
	EPA ID No.		86645984			
	Mailing Address:		Box 222		7	07026
	City:	Linde	en	State: New J	ersey Zip:	07036
2.	CONSIGNEE					
		TABLEX Car	nada, Inc			
		60 Indust:				
	В.	lainville,	Quebec	Canada J7C3V4		
	EPA ID No.: N	YD 9807564	115			
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3.	TRANSPORTER No. 1:	Name:	No .	Transport Ro NYF 00600005		e
		EPA ID	NO.; _	NIE 0000000	3	
	TRANSPORTER No. 2:	Name:	_			
		EPA ID	No.:			
4.	WASTE INFORMATION	2707	T1 70	cid Batteries		
	Description of Wast	e:	Lead A	cid Batteries	**	•
	EPA Waste Numbers			D002, D008		
	ErA Waste Numbers	•		D002, D000	•	
	DOT Proper Shippi	ng Name:	RO Waste	Batteries, Wet,	Filled with	Acid,
		-	PG III			
			hands of the state			
	DOT Hazard Class:		88	DOT ID Code	(UN/NA):	UN 2794
5.	SHIPPING INFORMATIO	N				
	Number of Shipmen	ts during	the Cale	endar Year:	2	
	Total Volume of t	his Waste	Shipped	2.96	tons	
6.	WASTE MINIMIZATION	STATEMENT				
0.						
	Not Requir	ed (See I	nstructio	ons)		
	Submitted	with EPA	Biennial	Report		
	Attached					
7.	CERTIFICATION					
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the i	nformation, I believ	e that th	e submitt	ed information is	s true, accu	rate, and
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Name	of Responsible Offic	ial: Hans	Sidler 7	Fitle: Waste Comp	oliance Engi	neer
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Signe	a. //L 5./	کت		Date: 2/2	8/12	
praire					-11-	

1.	PRIMARY EXPORTER (Con	
9	Name:	ConocoPhillips Company / Bayway Refinery
	EPA ID No.	NJD 986645984
	Mailing Address:	P.O. Box 222
	City:	Linden State: New Jersey Zip: 07036
2.	CONSIGNEE	
	20 20 20 20 20 20 20 20 20 20 20 20 20 2	ABLEX Canada, Inc.
		Industrial Blvd.
		ainville, Quebec Canada J7C3V4
	EPA ID No.: NY	980756415
3.	TRANSPORTER No. 1:	Name: Transport Rollex Limitee
		EPA ID No.: NYF 006000053
	TRANSPORTER No. 2:	Name:
	TRANSPORTER NO. 2.	EPA ID No.:
		DIT ID NO.
4.	WASTE INFORMATION	
	Description of Waste	Mixed Batteries
	EPA Waste Numbers:	D003, D006, D011, D008
	DOM Dunner Chinain	Name . DO Marka Pakkawisa Dun Cantaining Pakagain
	DOT Proper Shippin	g Name: RQ Waste Batteries, Dry, Containing Potassium Hydroxide Solid, PG III,
		Hydroxide Solid, FG 111,
	DOT Hazard Class:	8 DOT ID Code (UN/NA): UN3028
5.	SHIPPING INFORMATION	· ·
5.	SHIPPING INFORMATION	
	Number of Shipment	s during the Calendar Year: 4
	Total Volume of th	
6.	WASTE MINIMIZATION S	PATEMENT
	Not Require	d (See Instructions)
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7.	CERTIFICATION	law that I have personally examined and am familiar
		tted in this and all attached documents, and that
		se individuals immediately responsible for obtaining
		that the submitted information is true, accurate, and
		there are significant penalties for submitting false
inform	mation including the	possibility of fine and imprisonment.
Name (of Responsible Offici	al: Hans Sidler Title: Waste Compliance Engineer
	1/ 1	I = I
Signo	1. 1/ E. J	Date: 2/28/2017

1.	PRIMARY EXPORTER (Cor		D1 111 1			
	Name:			Company /	Bayway Refiner	У
	Mailing Address:		986645984 Box 222			
	City:	Lind		State.	New Jersey Zip	. 07036
1000		LITTU	en	State.	New Dersey 21p	. 07036
2.	CONSIGNEE	DIEV Co	nada Tna			
			nada, Inc. rial Blvd.			
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		980756		anada orest		
3.	TRANSPORTER No. 1:	Name:			ort Rollex Limi	tee
		EPA II) No.:	NYF 006	5000053	
	TRANSPORTER No. 2:	Name:			· · · · · · · · · · · · · · · · · · ·	
		EPA II	No.:			
4.	WASTE INFORMATION					
	Description of Waste:		Catalys	t (Zinc Oxi	ide)	
	EPA Waste Numbers:			K171		
	DOT Proper Shipping	a Name:	Wasto En	ri ronmental	ly Hazardous Su	hetance
	boi riopei bhippin	g Name.			RQ-1 (K171)	bscance,
			11101017 (1	(11/1/ 11/	112 1 (111)17	
	DOT Hazard Class:		9	DOT ID	Code (UN/NA):	UN3077
5.	SHIPPING INFORMATION					
	Number of Shipment:			ndar Year: _	1	
	Total Volume of the	is Waste	Shipped:	-	3.02 tons	
6.	WASTE MINIMIZATION ST	TATEMENT				
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	d: ALEA	_			2/28/2	0.43
Signe	d: 1 1 2	-		Date:	111812	2/6

1.	PRIMARY EXPORTER	(Consignor)
	Name:	ConocoPhillips Company / Bayway Refinery
	EPA ID No.	NJD 986645984
	Mailing Address:	P.O. Box 222
	City:	Linden State: New Jersey Zip: 07036
2.	CONSIGNEE	
	Name:	STABLEX Canada, Inc.
	Address	760 Industrial Blvd.
		Blainville, Quebec Canada J7C3V4
	EPA ID No.:	NYD 980756415
	•	
_		
3.	TRANSPORTER No. 1	
		EPA ID No.: NYF 006000053
	TRANSPORTER No. 2	: Name:
		EPA ID No.:
		BIN 10 NO.
330		
4.	WASTE INFORMATION	
	Description of Wa	ste: Spent Sandblast Abrasives
	EPA Waste Numbe	rs: D008, D007
	DOT Proper Ship	
		Chromium), III, RQ-10 (Lead)
	DOT Hazard Clas	s:9 DOT ID Code (UN/NA):UN 3077
5.	SHIPPING INFORMAT	ION
	Number of Shipm	ents during the Calendar Year: 1
		this Waste Shipped: 0.49 tons
		- Transfer Strapped Transfer T
5.	WASTE MINIMIZATION	N STATEMENT
	Not Req	uired (See Instructions)
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	Dubinize c	ed with bir bichnial Report
	x Attache	d
7.	CERTIFICATION	
		of law that I have personally examined and am familiar
vith	the information sul	omitted in this and all attached documents, and that
		those individuals immediately responsible for obtaining
che i	nformation, I beli	eve that the submitted information is true, accurate, and
compl	ete. I am aware th	hat there are significant penalties for submitting false
		ne possibility of fine and imprisonment.
		icial: Hans Sidler Title: Waste Compliance Engineer
	0 1	1
Slana	di AL e	Data: 2/38/12

1.	PRIMARY EXPORTER (Con		
	Name:		ps Company / Bayway Refinery
	EPA ID No.	NJD 98664598	
	Mailing Address:	P.O. Box 222	
	City:	Linden	State: New Jersey Zip: 07036
2.	CONSIGNEE		
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			Canada NON 1G0
		000035204	Canada Non 150
3.	TRANSPORTER No. 1:	Name:	Freehold Cartage Inc.
		EPA ID No.:	NJD 054126164
	TRANSPORTER No. 2:	Name:	N/A
	IRANSFORIER NO. 2:	EPA ID No.:	N/A
		EFA ID NO.:	N/A
4.	WASTE INFORMATION		
	Description of Waste:	Processed fede	eral listed hazardous clarified
	•	slurry oil sec	The state of the s
		***************************************	Marine Construction and
	EPA Waste Numbers:	K170	
	DOT Proper Shipping	Name: Waste I	Environmentally Hazardous Substances,
		Liquid,	n.o.s., (K170), PG III, RQ-1
		00.0	
	DOT Hazard Class:	9	DOT ID Code (UN/NA): UN 3082
5.	SHIPPING INFORMATION		
5.	SHIPPING INFORMATION		
	Number of Shipments	during the Ca	lendar Year: 14
	Total Volume of thi		
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6.	WASTE MINIMIZATION ST	ATEMENT	
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7.	CERTIFICATION		
I cer	tify under penalty of	law that I have	e personally examined and am familiar
with '	the information submit	ted in this and	all attached documents, and that
based	on my inquiry of thos	e individuals i	mmediately responsible for obtaining
the in	nformation, I believe	that the submit	ted information is true, accurate, and
			ficant penalties for submitting false
inform	mation including the p	ossibility of f	ine and imprisonment.
Name	of Responsible Officia	1: Hans Sidler	Title: Waste Compliance Engineer
	1		, ,
Ciano	a: Of silve		Date: 2/28/2012

1.	PRIMARY EXPORTER (
	Name:				iny / Baywa	ay Refinery	
	EPA ID No.		9866459	The state of the s			
	Mailing Address:	P.O.	Box 22	2			
	City:	Lind	en	_ st	cate: New d	Jersey Zip:	07036
2.	CONSIGNEE						
	Name:	STABLEX Car	nada, I	nc.			
		760 Indust					
		Blainville	, Quebe	c Canada	J7C3V4		
	EPA ID No.:	NYD 980756	415				
3.	TRANSPORTER No. 1:	Name:		Freeho	old Cartage	e Inc.	
		EPA ID	No.:	No	JD 05412616	54	
	TRANSPORTER No. 2:	Name:					
	IMMOPORIER NO. 2.		No.				
		EPA ID	NO.;				
4,	WASTE INFORMATION						
	Description of Was	te:		API Sep	parator Sol	Lids	
	EPA Waste Number	s:		K051	•		
	DOT Proper Shipp	ing Name:	Hazard	ous Waste	e, Solid, 1	n.o.s., (K05	1), III,
			RQ-10	(K051)			
	DOT Hazard Class	:	9	DC	T ID Code	(UN/NA):	UN 3077
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5.	SHIPPING INFORMATION	ON					
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	Total Volume of	this waste	surppe	a:		785.53 ton	<u>s</u>
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ο.	WASTE MINIMIZATION	STATEMENT	334				
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Name (of Responsible Offic	cial: Hans	Sidler	Title:	Waste Comp	liance Eng.	ineer
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<u>Waste Minimization Statement for Hazardous Characteristic Contaminated Spent</u> <u>Sandblast Abrasives</u>

The ConocoPhillips Company owned and operated Bayway Refinery is committed to operating the refinery in an environmentally responsible manner. A source reduction program has been implemented and is continuously being improved.

The Bayway Refinery utilizes crude petroleum as feed stock to produce a complete line of fuel products as well as petrochemical feed stocks and specialty products. The facility does not purchase or produce lead or other hazardous characteristic containing products. The Bayway Refinery uses only environmentally friendly, non-lead based coatings on new and repaired equipment.

As part of the operations of the refinery, rust, scale and paint are removed from transfer lines, storage tanks and process equipment by sand blasting with abrasives in order to prepare surfaces for metal inspection, welding or repainting. Employees have been informed of the potential for lead based coatings at the refinery. They are trained to test dry paints and primers prior to removal and to segregate contaminated media from each job site regardless of generated volume.

Old protective coatings slated for removal are tested by analysis and/or lead stick for lead content. Rather than using a dry sandblast technique, lead based paint from transfer lines, storage tanks and process equipment in difficult to access areas is removed by scraping or by high pressure water and wet garnet blasting, whenever feasible.

Paint removal from tanks is accomplished by either pressure washing, or by utilizing the "Versa Blast" vertical blast cleaning system. The system cleans vertical surfaces by using steel split shot and a very small amount of grit as the blast cleaning media. A hoist system, which is mounted on a fixture at the top of the tank being cleaned, raises and lowers the blast module as the module moves along the surface horizontally. The system is capable of providing white metal finishes.

The horizontal speed, vertical speed, shot flow rate, and fixture movement are adjusted by remote control. The abrasive media are contained, circulated, and cleaned within the blast module. A cyclone separator on the ground separates the steel split shot from the media for re-use and deposits the paint and dust into plastic lined 55-gallon drums. The process reduces the volume of generated lead contaminated hazardous abrasives by up to 95%.

The Bayway Refinery has considered several waste management method alternatives. On-site remediation or fixation of the lead constituent contained in the waste is not feasible because of cost and the lack of treatment permits. Treatment of the low BTU waste by incineration does not reduce the lead hazard and would result in impermissible dilution of the lead component in the incinerator ash.

This minimization statement pertains to shipments of Hazardous Characteristic Contaminated Spent Sandblast Abrasives on pages 1 and 5 of the annual report.

Waste Minimization Statement for Spent Lead Acid Batteries

The ConocoPhillips Company owned and operated Bayway Refinery is committed to operating the refinery in an environmentally responsible manner. A source reduction program has been implemented and is continuously being improved.

The Bayway Refinery has approximately 100 substations which distribute electric power to the various process units. Energy for the substation switchgear and control panels is provided by twelve to sixty lead acid batteries per station. These batteries are periodically replaced to ensure a reliable and uninterrupted electric power supply to the refinery.

The Bayway Refinery is taking source reduction action to reduce the volume of generated used lead acid batteries from substations by choosing high-grade replacement batteries that have an estimated useful service life of more than twenty years. The refinery purchases automotive lead acid batteries for its fleet of cars, trucks and heavy equipment, as they are replaced, an equivalent number of spent automotive batteries are returned to the supplier for recycling.

The Bayway Refinery has considered several waste management method alternatives for lead acid batteries from substations. Shipping these batteries for metal reclamation to a lead smelter in Missouri is deemed unacceptable because of potential future environmental liability concerns. State and Federal agencies have determined that many residential properties in the vicinity of the Missouri plant have been contaminated by lead emissions from the smelting operation. The facility has also received many citations and fines.

In the absence of an alternate and readily available lead smelting facility which is protective to human health and the environment, the Bayway Refinery believes that the present method of shipping the batteries to a competent and experienced waste management service provider for treatment and disposal to be an environmentally sound option.

This minimization statement pertains to shipments of Spent Lead Acid Batteries on page 2 of the annual report.

Waste Minimization Statement for Mixed Batteries

The ConocoPhillips Company owned and operated Bayway Refinery is committed to operating the refinery in an environmentally responsible manner. A source reduction program has been implemented and is continuously being improved.

Bayway Refinery employees and contractors use a variety of equipment and tools that are powered by batteries, including alkaline, silver oxide, lithium, nickel/metal hydride and various other types. Spent batteries are collected and placed into satellite accumulation containers.

The Bayway Refinery has considered sorting the batteries by type in order to make them amenable to metal reclamation. Spent batteries come in all shapes and sizes and vary in length from a fraction of an inch to several inches each. Experience has shown that sorting of those batteries by type to render them acceptable for metal reclamation is tedious, time consuming and subject to human error. Sorting and subsequent transportation of the small volume of generated batteries to various facilities is not cost-effective.

The Bayway Refinery believes that the proper treatment and disposal of a limited volume mixed batteries by a competent and experienced waste management service provider is protective to human health and the environment and constitutes currently the most economically practicable waste management option available to us.

This minimization statement pertains to shipments of Mixed Batteries on pages 3 of the annual report.

Waste Minimization Statement for Spent listed Hazardous K171 Catalyst

The ConocoPhillips Company owned and operated Bayway Refinery is committed to operating the refinery in an environmentally responsible manner. A source reduction program has been implemented and is continuously being improved.

The Bayway Refinery utilizes crude petroleum as a feed stock to produce a complete line of fuel products as well as petrochemical feed stocks and specialty products. As part of the operations of the refinery, a sulfur guard bed at the Hydrogen Process Unit was placed into service to remove trace amounts of sulfur contaminants from natural gas feedstock. The sulfur contaminants are removed by contacting the product with a Zinc oxide catalyst (ZnO).

Over time, the sulfur removal efficiency of the ZnO oxide catalyst decreases. The reactor is taken off-line and isolated. The spent catalyst is cooled to ambient temperatures and placed into 55-gallon capacity drums. Representative samples are taken and submitted to a State certified third-party contract laboratory for the analysis of waste classification parameters.

The Bayway Refinery has carefully evaluated a number of other catalysts to effect the removal of trace level sulfur contaminants from natural gas feedstock. The ZnO replacement catalyst was chosen because it is more reactive with sulfur and is capable of higher sulfur loading. Since ZnO catalyst requires less frequent catalyst change-outs, lesser volumes of spent catalyst will be generated. Strict adherence to detailed catalyst deactivation and change-out procedures reduces toxicity.

The Bayway Refinery has considered several waste management method alternatives for the spent ZnO catalyst. Off-site thermal treatment is not cost-effective and provides minimal environmental benefit since the sum of all organic constituents in the spent ZnO catalyst comprises less than 0.05 percent of the total spent catalyst volume. Furthermore, treatment of the spent ZnO catalyst by incineration does not reduce the arsenic hazard and would result in impermissible dilution of the arsenic component in the incinerator ash.

The Bayway Refinery has contacted several domestic metal reclamation facilities. Most of the plants determined that spent ZnO catalyst is not compatible with their metal reclamation process. Facilities that could have processed the catalyst lacked RCRA hazardous waste permits. The Bayway Refinery believes that Stablex, with its considerable expertise in the chemical treatment and fixation of inorganic waste constituents, is currently the best available option for the environmentally sound disposition of deactivated spent ZnO catalyst.

This minimization statement pertains to shipments of Catalyst Desiccant on page 4 of the annual report.

Waste Minimization Statement for Centrifuged Clarified Slurry Oil Sediment Generated by the Upgrading of "High Ash" Slurry Oil Product

The ConocoPhillips Company owned and operated Bayway Refinery is committed to operating the refinery in an environmentally responsible manner. A source reduction program has been implemented and is continuously being improved.

The Bayway Refinery utilizes crude petroleum as feed stock to produce a complete line of fuel products as well as petrochemical feed stocks and specialty products. As part of the various operations at the refinery, clarified slurry oil product is stored in tanks for sale to customers. The product contains up to 0.6% Fluid Catalytic Cracking Catalyst.

The quality of clarified "high ash" slurry oil is upgraded by removing most of the remaining sediment from the product by mechanical means. The oil is heated to 300 degrees Fahrenheit and processed at high gravitational forces through vertical centrifuges. Phases are separated into 90% valuable clean product and 10% sediment laden centrate.

The Bayway Refinery is taking source reduction action to reduce the volume and the toxicity of generated slurry oil sediment cake by choosing experienced, competent and reliable contractors and employing specialized equipment, innovative processing methods, and best available technology. More than 99% clean valuable product is recovered.

The Bayway Refinery currently generates over 6000 tons of K170 listed slurry oil centrate per year. The Bayway Refinery has considered several waste management method alternatives including reuse of the material as an asphalt substitute, the material is currently sent to RCRA permitted cement kilns in the U.S. Mid-West for energy recovery. The waste stream as currently generated consists of 90% heavy fuel oil and 10% organic aluminum silica equilibrium catalyst fines. The fuel oil component heats the cement kiln and the alumina silicate catalyst is a co product used in the manufacture of Portland cement. Occasionally economic down turns and maintenance activities make the reuse option in the United States unavailable and a fraction of the waste material is exported to Canada for disposal. The material is almost completely destroyed during disposal and the small amount of ash left over is sent to landfill. The volume of waste landfilled after destruction exported represents 0.4% of the volume of this material that is otherwise used for energy recovery in the United States. The Bayway Refinery believes the present waste management method to be an environmentally sound method of disposal of material that we can not recycle.

This minimization statement pertains to shipments of Centrifuged Clarified Slurry Oil Sediment on pages 6 of the annual report.

Waste Minimization Statement for Dewatered Waste Water Treatment Plant Sludge

The ConocoPhillips Company owned and operated Bayway Refinery is committed to operating the refinery in an environmentally responsible manner. A source reduction program has been implemented and is continuously being improved.

The Bayway Refinery utilizes crude petroleum as feed stock to produce a complete line of fuel products as well as petrochemical feed stocks and specialty products. During the various operations which occur at the refinery (refining, pumping, storage, transfer, etc.) oily process wastewater is generated and conveyed via a segregated sewer system to the refinery's wastewater treatment plant. Oil and oily emulsions are recovered in API separator channels and pumped to skimmed oil tanks for recovery.

Water separates by gravity. Recovered oil is utilized as raw material feed stock in the refinery's production process. The water phase is discharged to surface waters in compliance with the refinery's existing NPDES permit after treatment by phase separation, neutralization, equalization, activated sludge oxidation, clarification, dissolved air floatation and mixed media filtration. Oily solids settle to the bottom of the separators and are periodically removed by mechanical means.

In addition to K051 API separator sludge, F037 primary sludges are generated from the gravitational separation of oil, water and solids during the storage of process waste waters in storm water units receiving dry weather flow and during storage in other conveyances. K049 listed solids are generated by the treatment of slop oil emulsions from the refinery's process units.

The Bayway Refinery is taking source reduction action to reduce the volume and the toxicity of materials generated by segregating and processing wastes, whenever feasible, upstream before they enter the process sewer system and become a federal listed hazardous waste. A stripper tower upstream of the wastewater treatment plant removes substantial amounts of benzene and other volatile organic constituents. Once-through cooling water and uncontaminated rainwater from the refinery's tank fields are segregated from the process water collection and treatment system.

The material removed from the separator is pumped to plate and frame filter press to remove much of the oil and water content. Removal of the liquids reduces the toxicity and volume of off-site shipments. A significant quantity of clean oil was recovered from the sludge and reintroduced to the refining process.

The Bayway Refinery has considered several waste management method alternatives. Since the dewatered and deoiled media contain a high component of inorganic sand, sediment and grit and have a very low BTU content, the Bayway Refinery believes the present waste management method to be an environmentally and economically sound option.



Emailing: 2011_Export_Report.pdf Sidler, Hans E (P66) to: Scott Nelson

05/21/2012 09:52 AM

From:

"Sidler, Hans E (P66)" < Hans. Sidler@p66.com>

To:

Scott Nelson/DC/USEPA/US@EPA

1 attachment



2011_Export_Report.pdf

Scott, Here is the Export report for 2011 Thanks, Hans

The message is ready to be sent with the following file or link attachments: 2011_Export_Report.pdf

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Proof of delivery ConocoPhillips - Bayway Refinery Export Report Sidler, Hans E (P66)

to:

Scott Nelson 05/21/2012 10:05 AM

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From: "Sidler, Hans E (P66)" <Hans.Sidler@p66.com>

To: Scott Nelson/DC/USEPA/US@EPA

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Scott, Here is the return receipt for the 2012 Export Report. Thanks, Hans Bc:

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